

# Feng Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11939280/publications.pdf>

Version: 2024-02-01

10  
papers

209  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
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12  
docs citations

12  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	CO Oxidation on PdO(101) during Temperature-Programmed Reaction Spectroscopy: Role of Oxygen Vacancies. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28647-28661.	3.1	40
2	Vacancy-Mediated Processes in the Oxidation of CO on PdO(101). <i>Accounts of Chemical Research</i> , 2015, 48, 1515-1523.	15.6	39
3	Inhibition of methane adsorption on PdO(101) by water and molecular oxygen. <i>Surface Science</i> , 2013, 617, 249-255.	1.9	35
4	CO oxidation on single and multilayer Pd oxides on Pd(111): mechanistic insights from RAIRS. <i>Catalysis Science and Technology</i> , 2014, 4, 3826-3834.	4.1	29
5	Propane $\sigma$ -Complexes on PdO(101): Spectroscopic Evidence of the Selective Coordination and Activation of Primary C-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13907-13911.	13.8	21
6	Tuning the Reactivity of Ultrathin Oxides: NO Adsorption on Monolayer FeO(111). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9267-9271.	13.8	16
7	Selectivity in the initial C-H bond cleavage of n-butane on PdO(101). <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 12075.	2.8	14
8	Molecular adsorption of NO on PdO(101). <i>Surface Science</i> , 2015, 640, 150-158.	1.9	6
9	Promotion of CO oxidation on PdO(101) by adsorbed H <sub>2</sub> O. <i>Surface Science</i> , 2016, 650, 203-209.	1.9	6
10	Tuning the Reactivity of Ultrathin Oxides: NO Adsorption on Monolayer FeO(111). <i>Angewandte Chemie</i> , 2016, 128, 9413-9417.	2.0	2